

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/050971

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61B6/03

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 487 098 A (DOBBS ET AL) 23 January 1996 (1996-01-23)  column 5, line 15 - column 7, line 61; figures 1-6 -----	1-6, 9-11, 13-15
X	US 4 338 521 A (SHAW ET AL) 6 July 1982 (1982-07-06)  column 3, lines 6-50; figures 3,4,6,7 -----	1,3-6, 9-11, 13-15
X	US 6 115 448 A (HOFFMAN ET AL) 5 September 2000 (2000-09-05)  column 3, lines 19-64; figures 3,4,6,8 column 4, line 52 - column 5, line 27 ----- -/--	1,3,4, 9-11, 13-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

29 June 2005

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12/07/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/064252 A1 (IGARASHI KENJI ET AL) 30 May 2002 (2002-05-30)  paragraphs '0033! - '0041!; figures 1,2A-B,5,7,8A -----	1,3,4,6, 9-11, 13-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/050971

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5487098	A	23-01-1996	AU 1609795 A BR 9506680 A CN 1139872 A DE 19581491 C2 DE 19581491 T0 JP 3132663 B2 JP 9508305 T NL 9520008 A , B, WO 9520910 A1	21-08-1995 09-09-1997 08-01-1997 11-11-1999 19-06-1997 05-02-2001 26-08-1997 02-12-1996 10-08-1995
US 4338521	A	06-07-1982	EP 0039916 A1	18-11-1981
US 6115448	A	05-09-2000	DE 19853646 A1 IL 127004 A JP 11231062 A	27-05-1999 10-03-2002 27-08-1999
US 2002064252	A1	30-05-2002	JP 2002162472 A DE 10158021 A1	07-06-2002 22-08-2002